

BPU-340SATA

3.5" Hard Drive Cage

User's Manual

Version 03/30/12



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Specification:

Hot Swap	4x3.5" HDD
Cooling Fan	1x80mm
Standard Drive Bays	5.25" Drive:3
Dimension (W x H x D)	5.75 x 4.96 x 7.95 inches
Material	Aluminum Design with Conductive Dissipation Grooves
HDD Interface	SATA / SAS
Weight	10 lbs
Cable	SATA Cable Included (4pcs)

Order Information:

Model Number:	Color:	UPC Code:
BPU-340SATA-BLACK	Black	846813022590
BPU-340SATA-RED	Red	846813000567
BPU-340SATA-BLUE	Blue	846813000550
BPU-340SATA-SILVER	Silver	846813000574
BPU-340SATA-BPL (lockable handle)	Plastic	846813016070

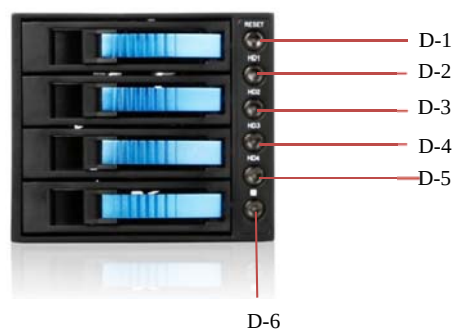
Introduction:

Create more space for hard drive with hot-swap capability, by using the BPU-340SATA HDD cage series that supports RAID 1/0/1+0/5 configuration for high performing data recovery or redundancy application. Its aluminum construction translates into lighter system weight and better heat dissipation. The 80mm fan also help keeps hard drives at maximum performance temperature.

Features:

- Aluminum Frame, Aluminum cover
- Interface: Support SAS-I and SAS-II, SATA-I, SATA-II, SATA-III
- High performance transfer rate: up to 6.0 GB/s for SAS & SATA hard drives
- Plug & play, hot swappable
- SATA 15Pin & 4Pin Power connectors
- LED for P/S, HDD access, Fan sensor & Buzzer
- Power Control Switch
- 3-stage temperature alarm settings & reset switch for buzzer alarm
- 8cm cooling fan X1
- Dim: 7.95(L) X 5.75(W) X 4.96(H) inch
- Patent products with advanced structure design
- Patent balance handle-No skew in/out problem & avoid the abrasion during connection
- Precisely connection on connector

Hardware Information: Front View



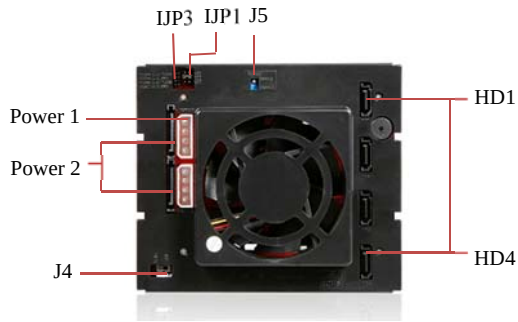
LED: When overheating occurs (default setting is 60° C), the buzzer alarms and the temperature LED turns **red**, meanwhile, buzzer is alarming and LED is blinking.

D-1: Reset Switch for buzzer alarm and overheating. Press the Reset Switch (D1) to stop the alarm and LED goes off.

D-2 ~ D-5: Power On, LED indicates Green. Orange color blinking for HDD access.

D-6: Fan sensor LED. LED is indicating Green, when it is working. When fan failed, the LED turn to Red.

Hardware Information: Rear View



POWER1: 4pin Power connector.

POWER2: 15pin Serial ATA Power connector. There are two types power connection (4pin power & 15pin SATA power connector).

(Note: Can be combination uses with 4pin and 15pin powers source).

HD1— HD4: 7pin Serial ATA Signal connector

IJP1: Temperature setting jumper.

IJP3: Extension function jumpers

J4: FAN RPM HIGH & LOW Optional [High 3600rpm & LOW 2800 rpm Options].

J5: HDD LED Switch (Top-Enable, Lower-Disable)

IJP1 & IJP3 Jumper pin setting:



FLEDR: Fan failure detection (red).

FLED+: Fan failure detection (+)

FLEDG: Fan failure detection (green)

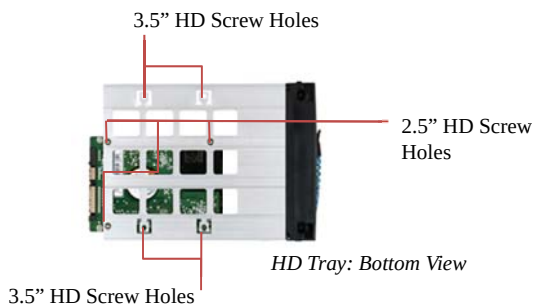
TLEDR: Temperature detection (red) 5V+: 5V Power

2.5" or 3.5" Hard Drive Disk to the trays Installation:

1. Insert 2.5" or 3.5" Hard Drive into the HDD Tray from the cage.
2. Use the provided screws and fasten HD into highlighted 2.5" or 3.5" holes to the cage trays.
3. Make sure Secure with screw holes from the Bottom of 2.5" or 3.5" Hard Drive's.
4. After the screw installation, slide the HDD Tray back to the HDD Canister Base.
5. Next, follow the Quick Installation in next page for the rest of the Setup.



Quick Installation Procedure:



HD Tray: Bottom View

1. Opened up the handle bar from the tray, take out the HD trays from the HD cage.
2. Secure all screws to the HD attached with HD tray.
3. Place the hard drive tray(s) with HD installed, back into the cage unit.
4. Push the handling bar into closed position.
5. Connect all necessary data and power cable onto the rear end of cage unit.
(Make sure that the data cables connected to the motherboard side as well).
6. Turn on the Power of your computer and wait until Operating System finish loading up.
7. Turn on all necessary HD1~HD4 Power Button(s) for each Hard Drive installed.

Note:

For steps 6- if the operating system installed with a HD inside of HD cage, please make sure you do turn on the Power from the cage switches D2/D3/D4 or D5.

For optional RAID Configuration & Setup procedure, please follow the user manual instructions from your SAS/SATA Controller Card or Motherboard.

Accessories:

- 4 SATA cables
- Necessary screws
-



Optional Accessories:

HD Trays	Model Number	UPC Code:
Black	BPU-HSTRAY-BLACK	846813000635
Red	BPU-HSTRAY-RED	846813000659
Blue	BPU-HSTRAY-BLUE	846813000642
Silver	BPU-HSTRAY-SILVER	846813000673
Plastic	BPU-HSTRAY	846813000628

iStarUSAcare:



We will help you navigate our website to find the information that you need. Go to www.istarusa.com, and click on live chat bubble above the Search Bar



Our technicians are standing by to take your questions. Visit <http://istarusa.com/support/>, and you will receive a technical support ticket to help track your requests from the beginning to the end. Or you can contact us @ 888-989-1189

FCC and CE Radiation Norm

FCC

This equipment has been tested and found to comply with limits for Class B digital device pursuant to Part 15 of Federal Communications Commission (FCC) rules.

CE

This equipment has been tested and found to comply with the limits of the European Council Directive on the approximation of the law of the member states relating to electromagnetic compatibility (89/336/EEC) according to EN 55022 Class B.

FCC and CE Compliance Statement

These limits are designed to provide reasonable protection against frequency interference in residential installation. This equipment generates uses and can radiate radio frequency energy, and if not installed or used in accordance with the instructions may cause harmful interference to radio communication. However, there is no guarantee that interference will not occur in television reception, which can be determined by turning the equipment off and on. The user is encouraged to try and correct the interference by one or more of the following measures: Reorient or relocate the receiving antenna. Increase the separation between the equipment and the receiver, connect the equipment into an outlet on a circuit different from that to which the receiver is connected to.

CAUTION!

The Federal Communications Commission warns the user that changes or modifications to the unit not expressly approved by the party responsible for the compliance could void the user's authority to operate the equipment.